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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/725,681	12/02/2003	Willibald Kraus	TRWZ 2 00277	3404
27885	7590	10/05/2005	EXAMINER	
FAY, SHARPE, FAGAN, MINNICH & MCKEE, LLP 1100 SUPERIOR AVENUE, SEVENTH FLOOR CLEVELAND, OH 44114			HOOK, JAMES F	
			ART UNIT	PAPER NUMBER
			3754	

DATE MAILED: 10/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

6

Office Action Summary	Application No. 10/725,681	Applicant(s) KRAUS, WILLIBALD	
	Examiner James F. Hook	Art Unit 3754	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4 and 7-17 is/are rejected.
- 7) ☒ Claim(s) 5 and 6 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Priority

Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Specification

The abstract of the disclosure is objected to because it is more than one paragraph in length. Correction is required. See MPEP § 608.01(b).

Claim Rejections - 35 USC § 112

Claim 4 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claim 4 positively recites the outer collar 24 for a second time where such is already positively recited in the independent claim and therefore it is indefinite as to whether there is a second outer collar when such is positively recited a second time and such also fails to further limit this structure.

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 3, 4, 7-10, and 12-17 are rejected under 35 U.S.C. 102(b) as being anticipated by Topf. The patent to Topf discloses the recited single piece sealing cover

Art Unit: 3754

comprising a plug structure made of plastic for a support 72,74, a basic body 26 joined with a U shaped collar formed with an inner leg 46, an outer leg 50, an outer collar 56, a stop connection on the outer leg 62 formed as a recess, and a locking member 30 on the body to lock the collar and body together from a pre position where the cover is inserted, and a final assembly which is locked where the leg is deformed to hold the cover in the support and contact the support by bulging the leg, the body is considered disk shaped and it is parallel with the outer collar when in the final assembly.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 3, 4, 7-10, and 12-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Huet in view of Topf. The patent to Huet discloses the recited single piece sealing cover comprising a plug structure made of plastic for a support 9, a basic body 1a,15,12 joined with a U shaped collar formed with an inner leg 1b, an outer leg 3, an outer collar 2, and a locking member 12a on the body to guide the collar and body together from a pre position where the cover is inserted, and a final assembly which is locked where the leg is deformed to hold the cover in the support and contact the support by deforming the leg into contact with the support, the body is considered disk shaped and it is parallel with the outer collar when in the final assembly. The patent to Huet discloses all of the recited structure with the exception of providing the outer leg

Art Unit: 3754

with a locking member such as a recess to receive the member on the body section to lock the plug in place. It would have been obvious to one skilled in the art to modify the outer leg in Huet by providing a stop connection in the form of a recess to receive the member on the body to further lock the plug in place such that there is a positive lock between body and leg as suggested by Topf where such would protect against the plug accidentally coming out thereby preventing failure and thereby saving money in the form of labor to reset the plug.

Claims 2 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Topf in view of Marcum, Jr. The patent to Topf discloses all of the recited structure with the exception of forming the support with a flange. The patent to Marcum, Jr. discloses that it is old and well known in the art of plug members that the support member can be formed with a flange L or without a flange as seen in figure 10. It would have been obvious to one skilled in the art to modify the support in Topf by providing a flange where such would further insure the plug cannot pull out of the support member as suggested by Marcum, Jr. when the flange will further allow the deformed leg to bulge behind the flange and further lock it in place and thereby save money by preventing the plug from pulling out and requiring replacement.

Allowable Subject Matter

Claims 5 and 6 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

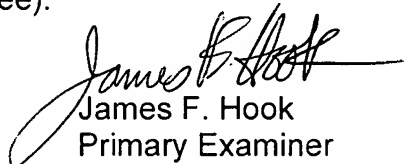
Art Unit: 3754

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The patents to Watanabe, Yaotani, Groswith, III., Kraus, and Gramss disclosing state of the art plugs.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to James F. Hook whose telephone number is (571) 272-4903. The examiner can normally be reached on Monday to Wednesday, work at home Thursdays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Mar can be reached on (571) 272-4906. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


James F. Hook
Primary Examiner
Art Unit 3754

JFH